

Substitute for Form 1449 A &amp; B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/313,184
Confirmation Number	3561
Filing Date	May 18, 1999
First Named Inventor	Kaname MIWA
Art Unit	1743
Examiner Name	Ta Hsung Tung
Attorney Docket Number	Q54404

Sheet	1	of	1
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## **U.S. PATENT DOCUMENTS**


Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
M		JP	2-147853 ✓		06/06/1990	NGK Spark Plug Co., Ltd.	Abstract
M		JP	2-147854 ✓		06/06/1990	NGK Spark Plug Co., Ltd.	Abstract
M		JP	57-154050 ✓		09/22/1989	Toyota Jidosha K.K.	Abstract
M		JP	10-38845 ✓		02/13/1998	NGK Insulators Ltd.	Abstract
M		JP	61-97754 ✓		06/23/1986		
M		JP	5-332985 ✓		12/17/1993	Fujikura, Ltd	Abstract
M		JP	63-26568		02/04/1998	Chino Corp.	Abstract
M		JP	5-60725		03/12/1998	Chino Corp.	Abstract
M		JP	4-5562		01/09/1992	Chino Corp.	Abstract
M		JP	5-312768		11/22/1993	Chino Corp.	Abstract

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	5-03
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

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		US			
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## FOREIGN PATENT DOCUMENTS

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M		JP	2-147853		06/06/1990	NGK Spark Plug Co., Ltd.	Abstract
M		JP	2-147854		06/06/1990	NGK Spark Plug Co., Ltd.	Abstract
M		JP	57-154050		09/22/1982	Toyota Jidosha K.K.	Abstract
M		JP	10-38845		02/13/1998	NGK Insulators Ltd.	Abstract
M		JP	61-97754		06/23/1986		
M		JP	5-332985		12/17/1993	Fujikura Ltd	Abstract
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M		JP	5-60725		03/12/1993	Chino Corp.	Abstract
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